



JAN 21 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE
ARIZONA ECOLOGICAL SERVICES FIELD OFFICE

~~3616 West Thomas Road, Suite 6~~ 2321 W Royal Palm Rd.

~~Phoenix, Arizona 85019~~

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Suite 103
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2-21-93-I-052

January 15, 1993

640-2730

Dale Deming
Environmental Services
Magma Copper Company
7400 North Oracle Rd. Suite 200
Tucson Arizona 85704

Dear Mr. Deming:

This letter is in response to your October 14, 1992, request for lists of endangered, threatened, or other species of special concern in the vicinity of existing mines and property holdings in Pinal, Gila, and Yavapai counties, Arizona.

We apologize for the lateness of our reply. The following is a list of Federal endangered and candidate species which may be found in the vicinity of the mines and properties:

* Endangered Species

Arizona hedgehog cactus (Echinocereus triglochidiatus var. arizonicus)**not found at San Manuel or McCabe areas**

Lesser long-nosed bat (Leptonycteris curasoae verbaueanae)**not found at McCabe area**

Category 1 Species

Southwestern willow flycatcher (Empidonax traillii extimus)
Cactus ferruginous pygmy owl (Glaucidium brasilianum cactorum)**San Manuel only**

Category 2 Species

Reptiles

Chuckwalla (Sauromalus obesus)

Amphibians

Lowland leopard frog (Rana yavapaiensis)
Arizona southwestern toad (Bufo microscaphus microscaphus)

Plants

Tonto Basin agave (Agave delamateri)**not found at San Manuel or McCabe areas**
San Carlos wild buckwheat (Eriogonum capillare)** not found at San Miguel, McCabe, or Florence areas**
Hohokam agave (Agave murpheyi)**not found at San Miguel, McCabe, or Florence areas**



at Florence?

2

MammalsCalifornia leaf-nosed bat (Macrotus californicus)Greater western mastiff bat (Eumops perotis californicus)Mexican long-tongued bat (Choeronycteris mexicana)**San Manuel only**Yavapai Arizona pocket mouse (Perognathus amplus amplus)

Endangered species must be considered before project developments. Candidate species are those which may in the future be considered for listing as endangered or threatened species. Category 1 candidates are those for which the Fish and Wildlife Service has substantial information to support proposing to list the species as endangered or threatened. Category 2 candidates are those for which such information is not available and for which we are seeking conclusive data on biological vulnerability and threats. Although candidate species have no legal protection, we would appreciate your consideration of them in the development of the projects.

Please be aware, that this list is very general. In the event new projects occur in the area, you must notify the Fish and Wildlife Service again to update the list. Species may be added or removed from the list depending on the type and extent of the projects. For example, the list currently does not include any fish species. However, should a project include water consumption or dumpings that may affect drainages, fish species may be added to the list. In addition, the Arizona Game and Fish Department may know of species in the area that are State-listed or that are of management concern.

In future communications on these projects, please refer to consultation number 2-21-93-I-052. If we may be of further assistance, please contact Lorena Wada or me.

Sincerely,



Sam F. Spiller
Field Supervisor

cc: Director, Arizona Game and Fish Department, Phoenix, Arizona

March 1, 1995

DRAFT

*Ron Christoferson
Project Evaluation Specialist*

Dwayne Shroufe

Director

Arizona Fish and Game Department

2222 West Greenway Road

Phoenix, Arizona 85023

602 - 942-3000

Habitat Branch

Jim Burton

602-789-3601

Larry Riley

Dear Mr. Shroufe,

Magma Copper Company is proposing to submit an Underground Injection Control Permit Application under 40 CFR Part 144. In compliance with 40 CFR 144.4 (e), the Regional Administrator, in consultation with the appropriate State agency exercising jurisdiction over wildlife resources must ensure conservation of those resources. The consultation is required to take place under in compliance with the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.).

The proposed mine site and plant facilities will be located on or around Sections 26, 27, 28, 29, 32, 33, and 34 of Range 9 East, Township 4 South. The site is located approximately 2 to 3 miles northeast of the town of Florence, Arizona. Please submit a list of any State sensitive species in compliance with the Fish and Wildlife Coordination Act. U.S. Fish and Wildlife has been asked to supply a list of endangered and categorical species under 40 CFR 144.4 (c) and Section 7 of the Endangered Species Act (16 U.S.C. 1531 et seq.). A copy of that letter is attached.

Sincerely,

*- Project document
- Description of project*

Jose Luis Gutierrez

Environmental Engineer

Dept. of Env. Quality



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Sam F. Spiller
Field Supervisor

cc: Director, Arizona Game and Fish Department, Phoenix, Arizona